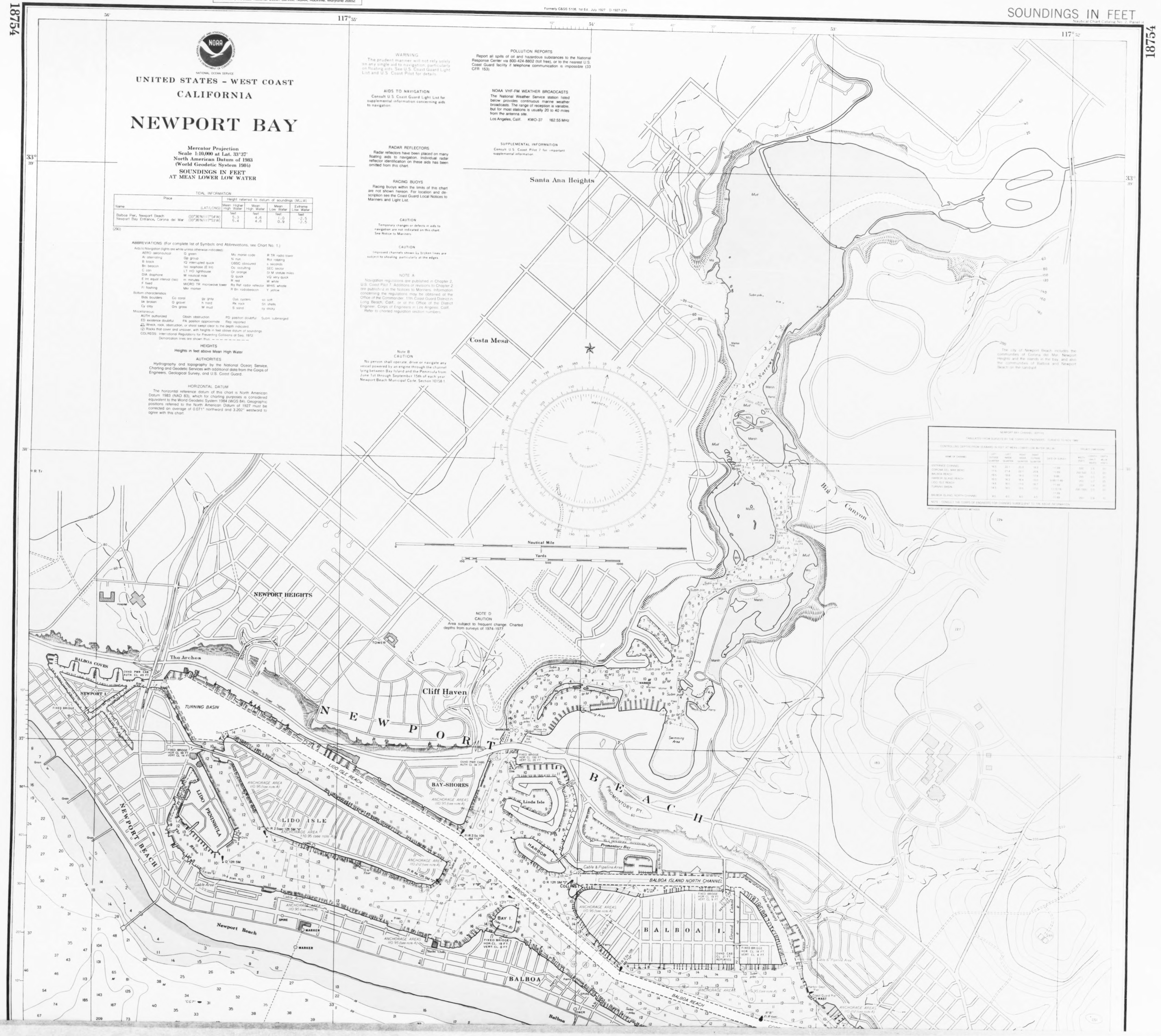
This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

Formerly C&GS 5108, 1st Ed., July 1927 D-1927-279

SOUNDINGS IN FEET

Nautical Chart Catalog No. 2, Panel R

18754




TIDAL INFORMATION

| Place | | Height referred to datum of soundings (MLLW) | | | |
|---|---|---|---|---|---|
| Name | (LAT/LONG) | Mean Higher High Water | Mean High Water | Mean Low Water | Extreme Low Water |
| | | feet | feet | feet | feet |
| Balboa Pier, Newport Beach | (33°36′N/117°54′W) | 5.3 | 4.6 | 1.0 | -2.5 |
| Newport Bay Entrance, Corona del Mar | (33°36′N/117°53′W) | 5.4 | 4.6 | 0.9 | -2.5 |

(290)

NEWPORT BAY CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO NOV 1989

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| ENTRANCE CHANNEL | 16.5 | 22.1 | 20.4 | 18.5 | 11-89 | 500 | 0.6 | 20 |
| CORONA DEL MAR BEND | 17.6 | 21.4 | 22.1 | 20.8 | 11-89 | 250-500 | 0.3 | 20 |
| BALBOA REACH | 19.5 | 19.8 | 19.3 | 17.8 | 9-89 | 200 | 0.5 | 20 |
| HARBOR ISLAND REACH | 16.0 | 16.3 | 16.4 | 15.0 | 9-89, 11-89 | 200 | 0.7 | 20 |
| LIDO ISLE REACH | 14.6 | 16.5 | 17.0 | 16.7 | 11-89 | 200 | 0.8 | 20 |
| TURNING BASIN | 14.5 | 14.5 | 13.6 | 17.0 | 11-12-14 | 200-1000 | 0.3 | 20 |
| | | | | | 11-89 | | | |
| BALBOA ISLAND NORTH CHANNEL | 8.0 | 8.0 | 8.5 | 4.5 | 11-89 | 200 | 0.9 | 10 |

NOTE: CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

PRODUCED BY COMPUTER ASSISTED METHODS

| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
|---|---|---|---|---|---|---|---|---|
| ENTRANCE CHANNEL | 16.5 | 22.1 | 20.3 | 18.9 | 11-89 | 500 | 0.8 | 20 |
| CORONA DEL MAR BEND | 17.5 | 21.4 | 22.1 | 20.8 | 11-89 | 200-500 | 0.3 | 20 |
| BALBOA REACH | 18.5 | 18.8 | 18.3 | 17.8 | 9-88 | 200 | 0.5 | 20 |
| HARBOR ISLAND REACH | 16.0 | 16.3 | 16.4 | 15.0 | 9-88,11-89 | 200 | 0.7 | 20 |
| LIDO ISLE REACH | 14.5 | 16.5 | 17.0 | 16.7 | 11-89 | 200 | 0.8 | 20 |
| TURNING BASIN | 14.5 | 14.5 | 19.5 | 17.0 | 11,12-74; 11-89 | 200-1000 | 0.3 | 20 |
| BALBOA ISLAND, NORTH CHANNEL | 8.0 | 8.0 | 8.5 | 4.5 | 11-89 | 200 | 0.9 | 10 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION.

PRODUCED BY COMPUTER ASSISTED METHODS

15th Ed., Oct. 20/90 ■

**18754**

CAUTION
This chart has been corrected from the Notice to Mariners published weekly by the Defense Mapping Agency Hydrographic/Topographic Center and the Local Notice to Mariners issued periodically by each U.S. Coast Guard district to the date shown in the lower left hand corner.

SOUNDINGS IN FEET

20th Anniversary 1970-1990
National Oceanic and Atmospheric Administration
"Serving The Nation"
John A. Knauss Administrator


Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE


| FATHOMS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEET | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 |

METERS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

*(Newport Bay)*
SOUNDINGS IN FEET - SCALE 1:10,000

**18754**


CSS. 418/7: 18754/990